

500

#8

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/522,706  
Source: PCT  
Date Processed by STIC: 01/04/2006

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 01/04/2006

PATENT APPLICATION: US/10/522,706

TIME: 10:34:33

Input Set : A:\2958-128.txt

Output Set: N:\CRF4\01042006\J522706.raw

3 <110> APPLICANT: Stangl, Verena  
 4 Stangl, Karl  
 5 Lorenz, Mario  
 7 <120> TITLE OF INVENTION: Use of a Proteosome Inhibitor in the Treatment of  
 Endothelial  
 8 Dysfunction and/or in a Low-Dose Proteosome Inhibitor Therapy  
 10 <130> FILE REFERENCE: 2958-128  
 12 <140> CURRENT APPLICATION NUMBER: 10/522,706  
 13 <141> CURRENT FILING DATE: 2005-01-28  
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/08495  
 16 <151> PRIOR FILING DATE: 2003-07-31  
 18 <150> PRIOR APPLICATION NUMBER: EP 02 017 234.2  
 19 <151> PRIOR FILING DATE: 2002-07-31  
 21 <160> NUMBER OF SEQ ID NOS: 17  
 23 <170> SOFTWARE: PatentIn version 3.3  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 4  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: synthetic proteosome inhibitor with binding affinity for  
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 32 proteins involved in eNOS regulation  
 35 <220> FEATURE:  
 36 <221> NAME/KEY: MISC\_FEATURE  
 37 <222> LOCATION: (1)..(1)  
 38 <223> OTHER INFORMATION: modified with carbobenzoxy group  
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 43 <223> OTHER INFORMATION: modified with OBut or OtBu group  
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 46 <221> NAME/KEY: MISC\_FEATURE  
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 48 <223> OTHER INFORMATION: modified with H or CHO  
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 52 Ile Gly Ala Leu  
 53 1  
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 59 <213> ORGANISM: Artificial  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: synthetic proteosome inhibitor with binding affinity for

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63 proteins involved in eNOS regulation

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67 <221> NAME/KEY: MISC_FEATURE
68 <222> LOCATION: (4)..(4)
69 <223> OTHER INFORMATION: modified with vinylsulfone group
71 <400> SEQUENCE: 2
73 Tyr Leu Leu Leu
74 1
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 4
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <223> OTHER INFORMATION: synthetic proteasome inhibitor with binding affinity for
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84     proteins involved in eNOS regulation
87 <220> FEATURE:
88 <221> NAME/KEY: MISC_FEATURE
89 <222> LOCATION: (1)..(1)
90 <223> OTHER INFORMATION: modified with adamantaneacetyl group
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93 <221> NAME/KEY: MISC_FEATURE
94 <222> LOCATION: (2)..(2)
95 <223> OTHER INFORMATION: modified with 3 (6-aminohexanoyl) groups
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115     proteins involved in eNOS regulation
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130 <222> LOCATION: (2)..(2)
131 <223> OTHER INFORMATION: modified with 3 (6-aminohexanoyl) groups
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134 <221> NAME/KEY: MISC\_FEATURE  
 135 <222> LOCATION: (4)..(4)  
 136 <223> OTHER INFORMATION: modified with vinylsulfone group  
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 140 Lys Leu Leu Leu  
 141 1  
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 147 <213> ORGANISM: Artificial  
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 151 proteins involved in eNOS regulation  
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 162 <223> OTHER INFORMATION: modified with epoxomicin  
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 166 Ile Ile Thr Leu  
 167 1  
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 171 <211> LENGTH: 21  
 172 <212> TYPE: DNA  
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 189 <211> LENGTH: 29  
 190 <212> TYPE: DNA  
 191 <213> ORGANISM: Homo sapiens  
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 197 <210> SEQ ID NO: 9  
 198 <211> LENGTH: 25  
 199 <212> TYPE: DNA  
 200 <213> ORGANISM: Homo sapiens  
 202 <400> SEQUENCE: 9  
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## RAW SEQUENCE LISTING

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TIME: 10:34:33

Input Set : A:\2958-128.txt

Output Set : N:\CRF4\01042006\J522706.raw

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207 <211> LENGTH: 22
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216 <211> LENGTH: 26
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens
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226 <212> TYPE: DNA
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238 <400> SEQUENCE: 13
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252 <211> LENGTH: 26
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272 <213> ORGANISM: Bos taurus
274 <400> SEQUENCE: 17
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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 01/04/2006  
PATENT APPLICATION:    US/10/522,706      TIME: 10:34:34

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/522,706

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